

NAME OF OFFEROR OR CONTRACTOR
 BATTELLE MEMORIAL INSTITUTE

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: -\$87,483.14 Incremental Funded Amount changed from \$337,767.00 to \$250,283.86</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-C3-261F000-301FK8-2532-HQ00BG00-26A6F-13261F C010-002 Amount changed from \$19,287.00 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-C3-261F000-401F84-2532-HQ00BG00-26A6F-13261F C010-001 Amount changed from \$7,000.00 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE: 13-14-C3-261F000-301FK8-2532-HQ00BG00-26A6F-13261F C010-005 Amount changed from \$713.00 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-C3-26CL000-301FK8-2532-HQ00BG00-26A6A-1326CL E034-001 Amount changed from \$45,273.00 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-C3-26CL000-301FK8-2532-HQ00BG00-26A6A-1326CL E030-002 Amount changed from \$15,210.14 to \$0.00</p>				

Cost:	(b)(4)
Fee:	
Cost:	
Fee:	
Cost:	
Fee:	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-11-038/0006/005	PAGE	OF
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	<p>CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: -\$130,300.00 Incremental Funded Amount changed from \$323,800.00 to \$193,500.00</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-B-03P00SP-302D86-2505---1203PK1010-001 Account code changed from 12-13-B-03P00SP-302D86-2505-1203PK1010-001 to 12-13-B-03P00SP-302D86-2505---1203PK1010-001 Amount changed from \$15,000.00 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-B-03-302D86-2532---1203PK1011-001 Account code changed from 12-13-B-03-302D86-2532-1203PK1011-001 to 12-13-B-03-302D86-2532---1203PK1011-001 Amount changed from \$111,300.00 to \$0.00</p> <p>CHANGES FOR ACCOUNTING CODE: 13-14-B-03P00SP-302D86X58-2532---1303PK1001-001 Account code changed from 13-14-B-03P00SP-302D86X58-2532-1303PK1001-001 to 13-14-B-03P00SP-302D86X58-2532---1303PK1001-001 Amount changed from \$4,000.00 to \$0.00</p>				<p>Cost: (b)(4)</p> <p>Fee:</p> <p>Cost:</p> <p>Fee:</p> <p>Cost:</p> <p>Fee:</p>

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	<p>CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: \$44,557.00 Incremental Funded Amount changed from \$181,196.00 to \$225,753.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 13-14-C-261E000-301FK8XPW-2532--26A6F-13261EC316-0 01 Beginning Fiscal Year 13 Ending Fiscal Year 14 Fund (Appropriation) C Budget Organization 261E000 Program (PRC) 301FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6F DCN-LineID 13261EC316-001 Quantity: 0 Amount: \$44,557.00</p> <p>The break-out for this incremental funding is as follows: Cost: (b)(4) Fee: Total: \$44,557.00</p> <p>The revised break-out for the entire Task Order amount is as follows: Cost: (b)(4) Fee: Total: \$225,753.00</p> <p>Period of Performance: 11/01/2012 to 11/01/2013</p>				

**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

PAGE NO

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER
09/06/2013

CONTRACT NO.
EP-C-11-038

ORDER NO.
0016

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Admin Office: CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268</p> <p>STREAMS2 - Failure Analyses of Underground Storage Tank Equipment in Biofuels Service2 TOCOR: Jack Hwang Alt TOCOR: Michael Pomes Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Completion Form</p> <p>Accounting Info: 12-13-B-03P00SP-302D86-2532---1303PK10 06-001 BFY: 12 EFY: 13 Fund: B Budget Org: 03P00SP Program (PRC): 302D86 Budget (BOC): 2532 DCN - Line ID: 1303PK1006-001 Funding Flag: Partial Cost: (b)(4) Funded: \$111,300.00</p> <p>Accounting Info: 12-13-B-03P00SP-302D86-2505---1303PK10 06-002 BFY: 12 EFY: 13 Fund: B Budget Org: 03P00SP Program (PRC): 302D86 Budget (BOC): 2505 DCN - Line ID: 1303PK1006-002 Funding Flag: Partial Cost: (b)(4) Funded: \$14,482.00 Fee: Period of Performance: 09/06/2013 to 09/30/2014</p> <p>The obligated amount of award: \$125,782.00. The total for this award is shown in box 17(i).</p> <p>The balance of \$6,670.00 is kept on the Task Order to be applied toward future orders of additional pre-investigations and failure analyses as provided in the T.O. PWS.</p>				(b)(4)	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$125,782.00

**PERFORMANCE WORK STATEMENT
STREAMS II**

Task Order 0016, Battelle EP-C-11-038

TITLE: Failure Analyses of Underground Storage Tank Equipment in Biofuels
Service II

Task Order Manager (TOM)	Alternate Task Order Manager (ATOM)
Name: Jack Hwang	Name: Michael Pomes
Office: U.S. EPA, Region 3 Land and Chemicals Division Office of State Programs 1650 Arch Street, MC 3LC10 Philadelphia, PA 19103-2029	Office: U.S. EPA – Region 7 901 North Fifth Street, MC AWMDSTOP Kansas City, KS 66101
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Email: Hwang.Jack@epa.gov	Email: Pomes.Michael@epa.gov

PERIOD OF PERFORMANCE: September 6, 2013 through September 30, 2014

A 1-year Task Order extension may be performed at a later date.

Up to thirty five (35) exploratory pre-investigations and four (4) in-depth failure analyses may be performed during the period of performance.

BACKGROUND

Biofuels will provide a greater contribution to the fuel supply in the United States because of the Renewable Fuel Standard established by the Energy Policy Act of 2005 and amended by the Energy Independence and Security Act of 2007. These federal mandates have spurred a significant increase in biofuel production as well as an increase in the number of retail facilities storing and dispensing renewable fuels such as ethanol and biodiesel. Introduction of biofuels to underground storage tank (UST) systems has created concerns about how these fuels react with the materials found in UST systems. 40 Code of Federal Regulations 280.32 requires that owners and operators use an UST system made of or lined with materials that are compatible with the substance stored in those UST systems.

Due to concerns over compatibility of biofuel blends with UST equipment, in June 2011, EPA issued guidance on compatibility of UST systems with biofuel blends. This document, "Compatibility of Underground Storage Tank Systems with Biofuel Blends," provides options for UST owners and operators to use in complying with the federal compatibility requirement for UST systems containing greater than 10% ethanol or diesel containing greater than 20% biodiesel. In that guidance, EPA lists the following UST system components to be critical for demonstrating compatibility: